

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows. This listing of the claims will replace all prior versions, and listings, of claims in the application:

Claims 1-19. (Canceled).

20. (Currently Amended) A device in which food can be heated by means of inductive coupling, comprising:
a winding body;
at least one secondary winding formed from a current conductor to which at least one heating element is connected; and

[[a]]an insulated casting[[means]] that mounts the secondary winding in the winding body,[[and]] the insulating casting[[means]] having a coefficient of thermal expansion substantially corresponding to that of the winding body.

21. (Currently Amended) A device for ~~transferring energy into a device for heating food by means of induction~~ heating food by induction, comprising:

a primary winding formed from a current conductor and connectable to a voltage source;

a winding body; and

[[a]]an insulating casting[[means]] that mounts the primary winding in the winding body, [[and]]the insulating casting[[means]] having a coefficient of thermal expansion substantially corresponding to that of the winding body.

22. (Previously Presented) The device according to claim 20 and further comprising an electrically non-conducting protective layer having a small thickness disposed on the winding body, said layer having a coefficient of thermal expansion which substantially corresponds to that of the winding body.

23. (Previously Presented) A device in which food can be heated by means of inductive coupling, comprising:
a winding body;
at least one secondary winding formed from a current conductor to which at least one heating element is connected; and
an electrically non-conducting protective layer having a small thickness disposed on the winding body, said layer having a coefficient of thermal expansion which substantially corresponds to that of the winding body.

24. (Currently Amended) A device for ~~transferring energy into a device for heating food by means of induction~~ heating food by induction, comprising:
a primary winding formed from a current conductor and connectable to a voltage source;
a winding body; and
an electrically non-conducting protective layer having a small thickness is disposed on the winding body, said layer having a coefficient of thermal expansion which substantially corresponds to that of the winding body.

25. (Previously Presented) The device according to claim 20, wherein the winding body consists of ferrite.

26. (Previously Presented) The device according to claim 20, wherein the coefficient of thermal expansion of the casting means is matched to the coefficient of thermal expansion of the winding body for a temperature range of 20°C to 150°C.

27. (Previously Presented) The device according to claim 20, wherein the winding body has a recess in which the secondary winding is arranged.

28. (Previously Presented) The device according to claim 20, wherein the winding body is rotationally symmetrical.
29. (Previously Presented) The device according to claim 23, wherein the protective layer has a high material hardness.
30. (Previously Presented) The device according to claim 23, wherein the protective layer is an amorphous hydrocarbon layer.
31. (Previously Presented) The device according to claim 23, wherein the protective layer has a maximum thickness of 500 μm .
32. (Currently Amended) The device according to claim 20, wherein the casting[[means]]comprises at least one of epoxy resin and polyamide.
33. (Currently Amended) The device according to claim 20, wherein the casting[[means]]comprises filler-~~especially made of ceramic~~.
34. (Previously Presented) The device according to claim 20, wherein the heating element comprises at least one heating conductor having selected one of a meander-shaped and a bifilar spiral profile.
35. (Previously Presented) The device according to claim 20 and further comprising thermal insulation disposed between the secondary winding and the heating element.
36. (Previously Presented) The device according to claim 35, wherein the thermal insulation comprises vermiculite.

- 37. (Previously Presented) The device according to claim 23, wherein the protective layer is a film arranged on the winding body.
- 38. (Previously Presented) The device according to claim 23, wherein the protective layer consists of at least one of ceramic and polytetrafluoroethylene (PTFE).
- 39. (New) The device according to claim 33, wherein the filler includes ceramic.
- 40. (New) The device according to claim 20, wherein the winding body comprises ferrite and the insulating casting includes epoxy resin or polyamide.
- 41. (New) The device according to claim 40, wherein the insulating casting includes filler.
- 42. (New) The device according to claim 23, wherein the protective layer comprises an amorphous hydrocarbon layer and the winding body comprises ferrite.